



## Technical Data Sheet

<b>ARCO CAST – H1</b>		
<b>Product Description</b>	<b>Fireclay base Castable with hydraulic binder</b>	
<b>Raw material basis</b>	<b>Fireclay</b>	
<b>Chemical Analysis (%):</b>		
Al <sub>2</sub> O <sub>3</sub>	%	45-47
SiO <sub>2</sub>	%	48-50
Fe <sub>2</sub> O <sub>3</sub>	%	2.3-2.6
TiO <sub>2</sub>	%	≤0.2
CaO	%	9-9.5
K <sub>2</sub> O+Na <sub>2</sub> O	%	0.1
<b>Physical Properties:</b>		
<b>Bulk density after drying at</b>	<b>Kg/m<sup>3</sup></b>	<b>2100-2200</b>
<b>Grain size</b>	<b>mm</b>	<b>0-6</b>
<b>Approximate amount of water required</b>	<b>%</b>	<b>4-4.2</b>
<b>Max Service Temperature</b>	<b>°C</b>	<b>1450</b>
<b>Cold Crushing Strength(C.C.S) after : drying at 110 (°c) Heating at Max Service Temperature (°c)</b>	<b>Kg/cm<sup>2</sup></b>	<b>350-500 Min 250</b>
<b>PLC at 1000 °c</b>	<b>%</b>	<b>-0.2</b>

- Packing in 30 Kg Bags.
- Note: The above technical information are liable to natural deviations, depending on production and shape, and they are not to be considered as guaranteed properties or guaranteed values.  
Rev.Date:2016/14/09
- This specifications can be changed according to customer requirement and order.

مشخصات فوق بر اساس نیاز و سفارش مشتریان قابل تغییر است.